

FORM PTO-1390 (Modified)  
(REV 11-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

P 362.102

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

09/674183

INTERNATIONAL APPLICATION NO.  
PCT/IB99/00844INTERNATIONAL FILING DATE  
27 April 1999PRIORITY DATE CLAIMED  
27 April 1998

## TITLE OF INVENTION

POLYPEPTIDE CARRIER PROTEIN

#3

## APPLICANT(S) FOR DO/EO/US

Rino RAPPUOLI, Guido GRANDI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

4. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ A copy of the International Search Report (PCT/ISA/210).
8. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

## Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☒ Certificate of Mailing by Express Mail
20. ☐ Other items or information:



PATENT  
PP00362.102

**PATENT COOPERATION TREATY  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

International Application No. PCT/IB99/00844	International Filing Date 27 April 1999	Priority Date Claimed 27 April 1998
---	--	--

Title of Invention  
**POLYEPITOPE CARRIER PROTEIN**

Applicants for DO/EO/US:  
**Rino RAPPUOLI and Guido GRANDI**

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

Box PCT  
Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Express Mail Mailing Label No.: EL353112894US

Date of Deposit: 14 November 2000

I hereby certify that the attached Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C.371, Declaration for Patent Application, Assignment, Check No. 7425 the amount \$40.00 and Postal Receipt Card are being deposited with the United Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R.1.10 on the date indicated above and addressed to the Assistant Commissioner of Patents, Box PCT, Washington, D.C. 20231.

Date: 14 November 2000

Melodi K. Dice  
Melodi K. Dice

CHIRON CORPORATION  
4560 Horton Street  
Emeryville, California 94608  
United States of America